

Abstract

A method is provided for extending the capability of signals in a graphical model environment. Features of a first signal type and features of a second signal type are combinable to form a combined signal type while allowing existing blocks in the graphical model environment to process the combined signal type without modification of the existing blocks. A block intended to process a signal of the first type that receives the composite signal type process the portion of the signal corresponding to the first type without regard for the second signal type portion of the combined signal. Moreover, the method allows for modification or creation of blocks that add features to a signal to form a combined signal type.